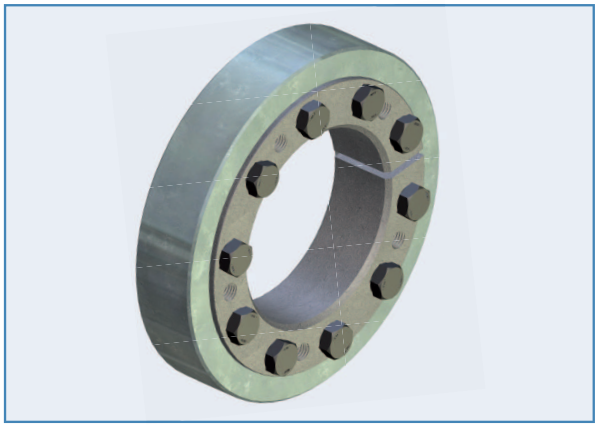
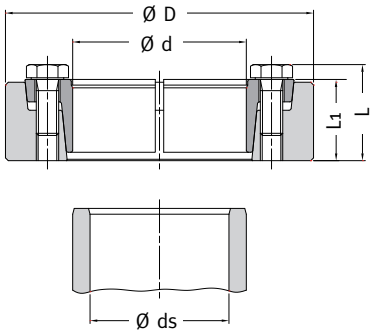




Example of order: MAV 3008 100 x 170

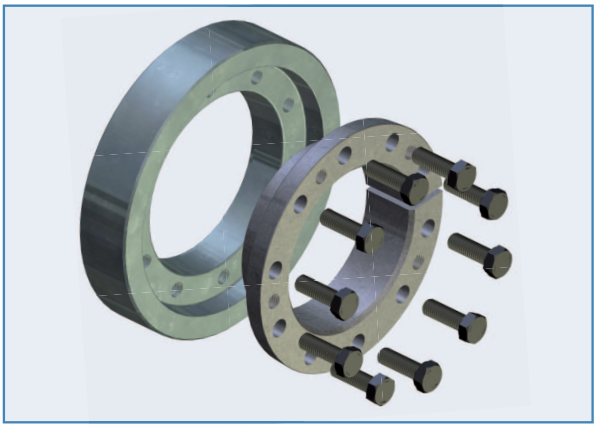
Composition

- Slotted inner ring, with integrated push-off threads
- Outer ring
- Set of hexagonal head cap screws, grade 10.9 (size ‹ M6 of grade 8.8) for series MAV 3008 - MAV 3108 - MAV 3208; grade 12.9 for series MAV 3009 - MAV 3209
- Hardened washers DIN 6916 for units with screw size ≥ M16

Features

- External locking device for hollow shaft (hub) - shaft connection
- Two-part design
- Self-releasing tapers, greased with MoS2 (μ = 0.05). Series MAV 3008 – MAV 3009 feature oiled tapers (self-locking) up to size 68x115
- Screws greased with MoS2 (μ = 0.10)
- MAV 3008 – MAV 3009: standard series, medium capacity
- MAV 3108: light series, low capacity
- MAV 3208 – MAV 3209: heavy series, high capacity
- Tolerances of shaft and hub bore: see table
- Tolerance of hub outer diameter: h8
- Surface finish of shaft and hub Ra ‹ 3.2 μm
- Shaft – hub bore contact surface grease-free and dry (μ = 0.15)

Shaft Diameter ds		ISO Tollerances	Max Clearance
from	to		mm
6	10	H6 - j6	0,011
11	18		0,014
19	30		0,017
31	50	H6 - h6	0,032
51	80	H6 - g6	0,048
81	120	H7 - g6	0,069
121	180		0,079
181	250		0,09
251	315		0,101
316	400		0,111
401	500		0,123



MAV 3209

DIMENSIONS						SCREWS		FEATURES				WEIGHT
ds mm	d mm	x	D mm	L mm	L1 mm	size	Ma Nm	Mt Nm	Fax kN	Ps MPa	Ph MPa	kg
95								26000	547	204	273	
100	140	x	230	84	74	M 16	295	30100	603	213	273	14
105								34600	660	222	273	
105								37200	710	217	281	
110	155	x	263	90	80	M 16	295	42400	771	225	281	20
115								47800	833	233	281	
115								52700	918	235	290	
120	165	x	290	98	88	M 16	295	59000	985	242	290	29
125								64400	1032	243	290	
125								70300	1125	265	319	
130	175	x	300	98	88	M 16	295	77800	1198	272	319	29
135								85900	1273	278	319	
135								108000	1606	341	389	
140	185	x	320	124,5	112	M 20	570	118000	1693	347	389	44
145								129000	1780	352	389	
150								125000	1671	319	360	
155	200	x	340	124,5	112	M 20	570	136000	1752	324	360	49
160								147000	1833	329	360	
160								160000	2002	292	332	
165	220	x	370	146,5	134	M 20	570	173000	2093	296	332	69
170								186000	2184	300	332	
170								198000	2325	276	317	
180	240	x	405	156,5	144	M 20	570	227000	2523	283	317	89
190								256000	2694	287	317	
190								289000	3041	285	323	
200	260	x	430	172,5	160	M 20	570	327000	3272	292	323	109
210								368000	3506	298	323	
210								384000	3661	294	326	
220	280	x	460	187	172	M 24	980	429000	3904	299	326	134
230								477000	4150	304	326	
230								433000	3768	272	299	
240	300	x	485	191	176	M 24	980	480000	3997	276	299	149
250								528000	4228	280	299	
240								515000	4294	279	307	
250	320	x	520	199	184	M 24	980	567000	4538	283	307	179
260								617000	4749	285	307	
250								665000	5319	289	318	
260	340	x	570	223	206	M 27	1450	722000	5553	291	318	256
270								789000	5844	294	318	
280								836000	5974	287	311	
290	360	x	590	227	210	M 27	1450	908000	6261	290	311	265
300								983000	6550	293	311	
300								1083000	7222	308	331	
310	390	x	650	237	220	M 27	1450	1168000	7535	311	331	343
320								1250000	7811	312	331	
330								1286000	7793	262	284	
340	420	x	680	263	246	M 27	1450	1379000	8112	265	284	407
350								1476000	8432	268	284	
340								1459000	8582	264	286	
350	440	x	740	276,7	258	M 30	1970	1561000	8919	266	286	531
360								1666000	9257	269	286	
360								1571000	8728	253	273	
370	460	x	760	276,7	258	M 30	1970	1674000	9051	256	273	549
380								1781000	9375	258	273	
380								1990000	10473	244	262	
390	480	x	800	316,7	298	M 30	1970	2114000	10839	246	262	711
400								2241000	11207	248	262	
400								2299000	11494	254	271	
410	500	x	840	318,7	300	M 30	1970	2420000	11802	255	271	791
420								2559000	12185	257	271	

Code:

Ma: screws tightening torque

Mt: transmissible torque with Fax=O kN

Fax: transmissible axial load with Mt=O Nm

Ps: contact pressure on shaft

Ph: contact pressure on hub outer diameter